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(57) A loosely coupled multiprocessor computer (1) includes an input/output control unit (34, 35) for fetching both a program and data derived from an external input device and also for outputting processed data to an external output device; storage (32) for storing therein both the program and data inputted from said input/output control unit; process unit (33) for sequentially executing a processing operation of the data based upon the program stored in the storage; and, a transmission medium for coupling the process unit, input/output control unit and storage with each other. In the loosely coupled multiprocessor computer, a serial transmission medium

(2) is employed as the transmission medium; transmission control unit (31) for performing both a conversion process between data to be transmitted, flowing through the serial transmission medium and the processed data, and also a transmission/reception process of the data to be transmitted via the serial transmission medium, is provided with the input/output control unit, storage and process unit; and furthermore, unit process unit for controlling the input/output control unit, storage, and transmission control unit is provided with the input/output control unit and storage with the transmission control unit.

**EP 0 435 141 A3**

FIG. 1a

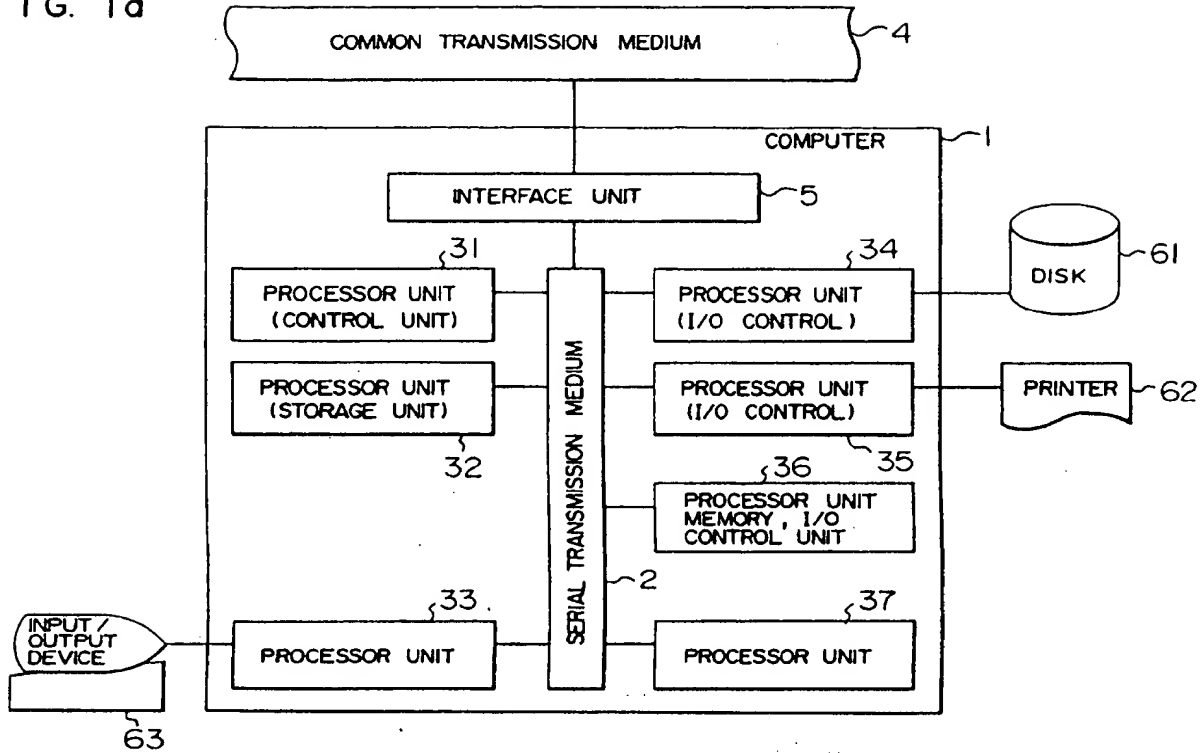


FIG. 1b

